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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/720,667	03/01/2001	Dennis Pearson	P/61210-PCT	3918

7590 10/23/2003

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EXAMINER	
BUI, BING Q	
ART UNIT	PAPER NUMBER
2642	

DATE MAILED: 10/23/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/720,667	PEARSON ET AL.	
	Examiner	Art Unit	
	Bing Q Bui	2642	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *01 March 2001* .

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-13* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-13* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____ .

3.☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) *3* .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

1. Claims 1-13 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless -
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Hartikainen et al (US Pat No. 6,003,031), herein after referred as Hartikainen.

Regarding claim 1, with respect to Figure 1, Hartikainen teaches a telecommunications system comprising an intelligent network (IN) for providing IN and non-IN services, and comprising a service creation environment function (SCEF), in which the SCEF is arranged to provide service logic for the IN for supporting both IN and non-IN services (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 2, with respect to Figure 1, Hartikainen further teaches the telecommunications system of Claim 1 comprising a service control function (SCF), a service switching function (SSF) and a call control function (CCF), in which the system includes means for distributing the IN and non-IN service between the SCF, SSF and CCF (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 3, with respect to Figure 1, Hartikainen further teaches the telecommunications system of Claim 1 comprising a service control function

(SCF), a service switching function (SSF) and a call control function (CCF), in which the SCEF is arranged to provide the IN and non-IN service logic in the SCF, the SSF and the CCF (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 4, with respect to Figure 1, Hartikainen further teaches the telecommunications system of Claim 1 comprising a service control function (SCF) and a service switching point (SSP), the SSP comprising a call control function (CCF) and a service switching function (SSF), in which the SCEF is arranged to provide the IN and non-IN service logic in the SCF, and in which the SSP is arranged to pass some: or all protocol input messages received by the SSP to the SCF and some or all signaling messages originating in the SCF to the CCF (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 5, with respect to Figure 1, Hartikainen further teaches the telecommunications system of Claim 4 in which the SCF is arranged to perform some or all of the functions previously performed by the service switching function (SSF) and the call control function (CCF) (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 6, with respect to Figure 1, Hartikainen further teaches the telecommunications system of claim 1 in which the SCEF is also arranged to provide data structures for both IN and non-IN telecommunications services (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 7, with respect to Figure 1, Hartikainen further teaches the telecommunications system of claim 2 in which the SCEF is also arranged to provide data structures in the CCF (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 8, with respect to Figure 1, Hartikainen further teaches the telecommunications system of Claim I also comprising a call control function (CCF), in

which the SCEF is also arranged to provide data structures in the CCF (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 9, with respect to Figure 1, Hartikainen further teaches the telecommunications system of Claim 1 also comprising a call control function (CCF) arranged to allow loading of data structures in the CCF from the service management function (SMF) (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 10, with respect to Figure 1, Hartikainen further teaches the telecommunications system of claim 7 in which the data structures comprise data structures for both EN and non-IN telecommunications services (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 11, with respect to Figure 1, Hartikainen further teaches the telecommunications system of claim 7 also comprising a service data function (SDF), in which the CCF is arranged to access the SDF directly for service data (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 12, with respect to Figure 1, Hartikainen further teaches the telecommunications system of Claim 4 in which the SCEF is arranged to support the definition of messages, operation and parameters for transfer between the SCF and the CCF (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Regarding claim 13, with respect to Figure 1, Hartikainen teaches a telecommunications system comprising an intelligent network (IN) for providing IN and non-IN services, and comprising a service creation environment function (SCEF) in which the SCEF is arranged to provide data structures for the IN for supporting both IN and non-IN services (see Fig. 1 and col. 2, ln 37-col. 3, ln 44).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Shah et al (US Pat No. 6,175,618) disclose a AIN based routing.

Waters et al (US Pat No. 6,115,746) disclose a distributed control of AIN and non-AIN switches and resources in an AIN.

Cookson (US Pat No. 6,064,729) discloses a peripheral control in an AIN.

Sumar et al (US Pat No. 5,838,768) disclose a system and method for controlled media conversion in a AIN.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bing Bui whose telephone number is (703) 308-5858. The examiner can normally be reached on Monday through Thursday from 7:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314 and for formal communications intended for entry (please label the response "EXPEDITED PROCEDURE") or for informal or draft communications not intended for entry (please label the response "PROPOSED" or "DRAFT").

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

Oct. 06, 2003

BING BUI
PATENT EXAMINER